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ABSTRACT

"Pocket Projections" provides some information on education in the United States in the past and future, focusing on the period from 1985-86 to 2007-08. In table form, data are given for these topics: (1) projected population; (2) elementary and secondary education enrollment; (3) high school graduates; (4) classroom teachers; (5) pupil/teacher ratios; (6) elementary and secondary school expenditures; (7) higher education enrollment; (8) earned degrees; and (9) higher education expenditures. The figures are derived from data from the National Center for Education Statistics and the Bureau of the Census. (SLD)

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Pocket Projections

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ED 421 552

Projections of Education Statistics to

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Each year, the U.S. Department of Education's National Center for Education Statistics (NCES) publishes this pocket summary of the ***Projections of Education Statistics.*** The complete report, ***Projections of Education Statistics to* 2008,** provides the reader with NCES information on projected enrollment at all education levels, numbers of high school graduates, earned degrees conferred, classroom teachers, and expenditures of public elementary and secondary schools. In addition, there are state-level tables on public elementary and secondary enrollment and public high school graduates and some supplementary tables from other sources.

To receive a copy of the report ***Projections of Education Statistics to 2008***, see the ordering information at the end of this booklet.

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Pocket Projections

NATIONAL CENTER FOR EDUCATION STATISTICS

Projections of Education Statistics to 2008

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U.S. Department of Education
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Pocket Projections
1985–86 to 2007–08

Characteristic	1985–86	1996–97 (estimate)	2007–08 (projected)	Percent change 1985–86 to 1996–97	Percent change 1996–97 to 2007–08
		Population[1]			
		(Numbers in thousands)			
3–5 years old	10,652	11,948	11,562	12	-3
5–13 years old	29,893	34,591	35,572	16	3
14–17 years old	14,888	15,171	17,332	2	14
18 years old	3,686	3,572	4,213	–3	18
18–24 years old	29,152	24,981	28,937	–14	16
25–29 years old	21,804	19,070	19,015	–13	*
30–34 years old	20,102	21,411	17,722	7	–17
35–44 years old	31,766	43,447	40,964	37	–6
		Elementary/secondary education			
		(Numbers in thousands)			
Enrollment					
Total	44,979	51,413	54,425	14	6
Public	39,422	45,630	48,342	16	6
Private	5,557	5,783	6,082	4	5
Kindergarten – grade 8	31,229	37,264	38,073	19	2
Public	27,034	32,778	33,489	21	2
Private	4,195	4,486	4,584	7	2
Grades 9–12	13,750	14,149	16,352	3	16
Public	12,388	12,852	14,854	4	16
Private	1,362	1,297	1,498	–5	15

See footnotes on page 6.

Characteristic	1985–86	1996–97 (estimate)	2007–08 (projected)	Percent change 1985–86 to 1996–97	Percent change 1996–97 to 2007–08
		Elementary/secondary education			
		(Numbers in thousands)			
High school graduates					
Total	2,643	2,573	3,093	–3	20
Public	2,383	2,306	2,772	–3	20
Private	260	267	321	3	20
Classroom teachers					
Total	2,549	3,032	3,441	19	13
Public	2,206	2,645	3,005	20	14
Private	343	387	436	13	13
Elementary	1,483	1,844	2,033	24	10
Public	1,237	1,570	1,731	27	10
Private	246	274	302	11	10
Secondary	1,066	1,188	1,408	11	19
Public	969	1,075	1,274	11	19
Private	97	113	134	16	19
Pupil/teacher ratios [2]		(In units)			
Public					
Elementary	19.5	18.9	17.5	—	—
Secondary	15.8	14.8	14.2	—	—
Private					
Elementary	17.1	16.4	15.2	—	—
Secondary	14.0	11.5	11.2	—	—

Characteristic	1985–86	1996–97 (estimate)	2007–08 (projected)	Percent change 1985–86 to 1996–97	Percent change 1996–97 to 2007–08
		Elementary/secondary education			
Expenditures		(Billions of constant 1995–96 dollars)			
Current expenditures in public schools [3]	$194.8	$269.7	$341.5	38	27
		(Constant 1995–96 dollars)			
Current expenditures per pupil in average daily attendance in public schools [3]	$5,333	$6,376	$7,622	20	20
Estimated average annual salaries for teachers in public schools	$35,780	$37,428	$38,522	5	3
		Higher education			
		(Numbers in thousands)			
Enrollment					
Total	12,247	14,334	15,880	17	11
Control of institution					
Public	9,479	11,193	12,378	18	11
Private	2,768	3,140	3,502	13	12
Type of institution					
4–year	7,716	8,766	9,826	14	12
2–year	4,531	5,568	6,054	23	9

Characteristic	1985–86	1996–97 (estimate)	2007–08 (projected)	Percent Change 1985–86 to 1996–97	Percent change 1996–97 to 2007–08
		Higher education (Numbers in thousands)			
Enrollment (continued)					
Sex of student					
Men	5,818	6,304	6,819	8	8
Women	6,429	8,030	9,062	25	13
Age[4]					
19 years and under	2,999	3,220	3,970	7	23
20–21 years old	2,505	2,647	3,188	6	20
22–24 years old	1,920	2,225	2,509	16	13
25–29 years old	1,866	2,066	2,082	11	1
30–34 years old	1,185	1,242	1,218	5	–2
35 years and over	1,773	2,934	2,914	65	–1
Attendance status					
Full–time	7,075	8,092	9,391	14	16
Part–time	5,172	6,242	6,489	21	4
Level					
Undergraduate	10,597	12,329	13,850	16	12
Graduate	1,376	1,720	1,746	25	2
First–professional	274	285	284	4	*
Full–time–equivalent	8,943	10,340	11,728	16	13
Earned degrees					
Associate	446	528	579	18	10
Men	196	211	216	8	2
Women	250	317	363	27	15

Characteristic	1985–86	1996–97 (estimate)	2007–08 (projected)	Percent change 1985–86 to 1996–97	Percent change 1996–97 to 2007–08
		Higher education (Numbers in thousands)			
Earned degrees (continued)					
Bachelor's	988	1,166	1,270	18	9
Men	486	523	530	8	1
Women	502	643	739	28	15
Master's	289	402	446	39	11
Men	144	181	203	26	12
Women	145	221	243	52	10
Doctor's	34	45	50	33	11
Men	22	27	27	24	–2
Women	12	18	23	49	30
First–professional	74	80	75	8	–6
Men	49	46	41	–7	–11
Women	25	34	34	37	1
Expenditures	(Billions of constant 1995–96 dollars)				
Current–fund expenditures	$138.5	$197.8	$263.7	43	33
Public	89.7	124.0	165.7	38	34
Private	48.8	73.7	98.0	51	33

Technical Notes

General Projection Methodology

Beginning with institutional data from the National Center for Education Statistics (NCES) and demographic data and projections from the Bureau of the Census, total enrollment is projected using expected enrollment rates. Exponential smoothing and multiple linear regression are the two major projection techniques used to forecast these rates. Demographic assumptions used by NCES are consistent with Bureau of the Census middle series of population projections. Elementary and secondary expenditure projections are produced using multiple linear regression.

For methodological details on the assumptions and methods used to develop these projections, and details on data sources, see ***Projections of Education Statistics to 2008***.

(*)Between –0.5 and 0.5.

—Percentage not calculated.

[1] Population projections are from the middle series of population projections of the Bureau of the Census. Population data for 1996–97 are projected.

[2] Based on enrollment by oranizational level.

[3] Excludes capital outlay and interest.

[4] Data for 1985-86 are estimated.

NOTE: Because of rounding, details may not add to totals. Percentages are based on unrounded numbers. Historical numbers may differ from numbers which appeared in editions of *Projections of Education Statistics* produced prior to the ***Projections of Education Statistics to 2008***.

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